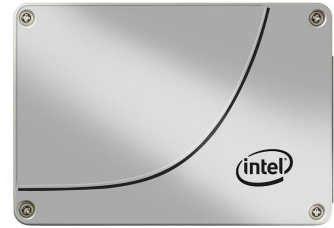


Intel DC S3710 2.5" 1.2 TB Serial ATA III MLC

Brand : Intel

Product code: SSDSC2BA012T401

Product name : DC S3710



1200 GB, 2.5", SATA 3, 20 nm, MLC, SSD

[Intel DC S3710 2.5" 1.2 TB Serial ATA III MLC:](#)

Intel Corporation manufactures industry leading solid-state drives targeting data center, professional, and consumer products. Intel SSDs feature leading performance, high levels of reliability, and are manufactured by one of the most trusted brands in the world.

Intel DC S3710. SSD capacity: 1.2 TB, SSD form factor: 2.5", Read speed: 550 MB/s, Write speed: 520 MB/s, Data transfer rate: 6 Gbit/s

Features		Operational conditions	
Security algorithms	256-bit AES	Operating temperature (T-T)	0 - 70 °C
SSD form factor *	2.5"	Operating vibration	2.17 G
SSD capacity *	1.2 TB	Non-operating vibration	3.13 G
Interface *	Serial ATA III	Operating shock	1000 G
Memory type *	MLC	Non-operating shock	0.5 G
Data transfer rate	6 Gbit/s	Weight & dimensions	
Read speed	550 MB/s	Weight	94 g
Write speed	520 MB/s	Packaging data	
Random read (100% span)	85000 IOPS	Quick start guide	✓
Random write (100% span)	45000 IOPS	Logistics data	
Read latency	55 µs	Harmonized System (HS) code	84717070
Write latency	66 µs	Other features	
Lithography	20 nm	Internal	✓
End-to-End Data Protection	✓	Processor lithography	20 nm
Enhanced Power Loss Data Protection technology	✓	Drive capacity	1.2 TB
SSD temperature monitoring	✓	Launch date	Q1'15
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁷ bits read	Product brief URL	http://www.intel.com/content/www/us/en/solid-state-drives/ssd-dc-s3710-brief.html
Mean time between failures (MTBF)	2000000 h	SSD endurance rating	24.3PB
Market segment	Server	SSD hardware encryption	AES 256 bit
SSD usage tag	Data center	SSD power consumption (active)	6.9W
SSD ARK ID	82937	SSD power consumption (idle)	0.6W
Power		SSD shock	1000 G/0.5ms
Power consumption (idle)	0.6 W	Sequential reading	550 MB/s
Brand-specific features		Sequential writing speed	520 MB/s
Intel High Endurance Technology (HET)	✓	Status	Discontinued
		Last change	63903513
		Product family	Data center SSD
		Product series	Intel DC S3710
		Product codename	Haleyville



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